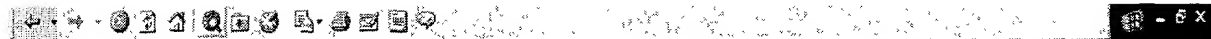


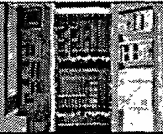

WE TRACK RACKS™

Username Password 10

12 16 14 18

Figure 1





About Cenotrack

Home

Cenotrack(TM)

Cenotrack Description

Cenotrack (pronounced Cel-no-track) is a telecommunications software application, which assists enterprises in tracking their central office (or data center) equipment in order to gain better control over their network infrastructure for planning, expansion or optimization purposes.

The Cenotrack Software application is a web-based tracking solution, designed by telecom engineers, that shares central office telecommunications data to effectively and efficiently manage the central office -- in a real-time environment.

Cenotrack contains four modules, which demonstrate the effectiveness of tracking their central office data office-by-office, or switch-by-switch.

Cenotrack Modules

CenoReport - provides management reports of central office data needed to facilitate decision-making. Some report examples, which can be developed, are a Cable Report, Power Report, Grounding Report, Open Rack Space Report, Colocation Report, etc.

CenoSearch - enables users to query or search the entire database of central office locations for a specific piece of equipment, which is used for identifying spare parts, maintenance records or depreciation purposes. For example, an engineer could search for a spare router across all central office locations.

CenoRack - provides an accurate, visual representation of each central office rack, frame or piece of equipment. In addition, the software provides a comprehensive view of all central office equipment details, including model numbers, serial numbers, nodes, heat load, etc.

CenoDraw - enables users to view, print or plot a web format of a central office drawing. This visual representation contains multiple views, layers and other important central office data.

For additional information about what Cenotrack can do for your central offices (or data centers), contact an AED Sales Representative at (301) 683-2112. Or if you would like more information about AED's entire range of telecommunications solutions and products, please visit our Web site at <http://www.aedworld.com>.

Cenotrack is a registered trademark of Advanced Engineering Design, Inc. AED is a trademark of Advanced Engineering Design, Inc.

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Figure 2

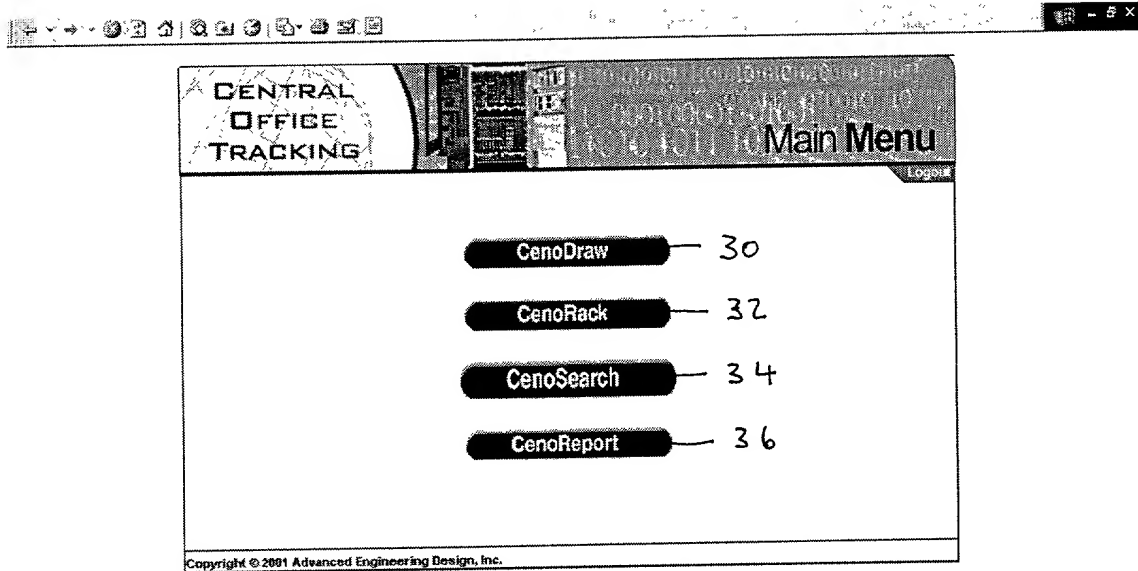


Figure 3

CENOTRACK
DRAWINGS SEARCH

Drawings Search

BASE NUMBER: — 40

FLOOR NUMBER: — 42

LETTER: — 44

BUILDING NAME: — 46

CLLI CODE: — 48

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Figure 4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

DEMO TRACK Rack Search

Main Menu Logout

BASE NUMBER: 50
FLOOR NUMBER: 52
LETTER: 54

Clear Criteria Search

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Figure 5

Equipment Search

SERIAL NUMBER: Search

BARCODE: Search

EQUIPMENT TYPE: Search

Clear Criteria

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Figure 6

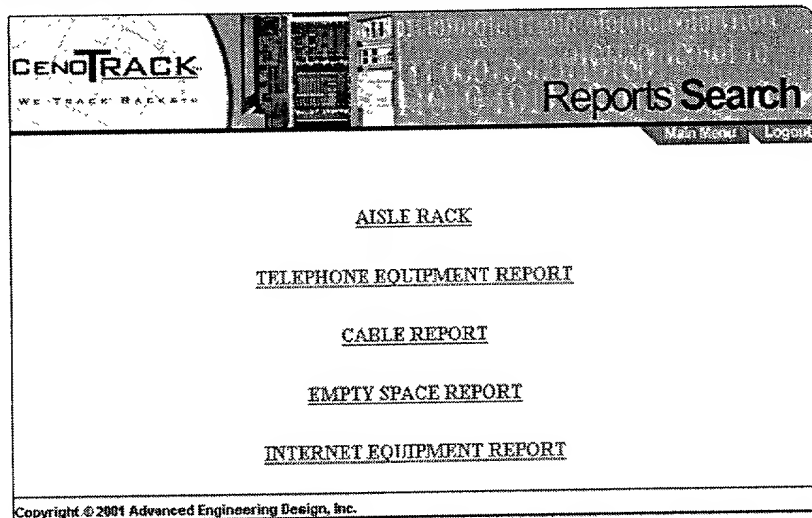
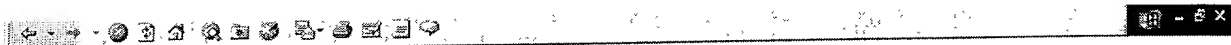


Figure 7



CENOTRACK
WE TRACK, RACK, XRAY

Search Results

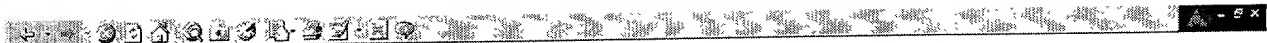
[Main Menu](#) [Drawing Search](#) [Rack Search](#) [Equipment Search](#) [Report Search](#) [Logout](#)

Drawing: DRAWEX1 Floor: 1 Letter: 80

[Main Menu](#) [Logout](#)

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Figure 8



CENDTRACK
WE TRACK RACKS

Search Results

[Main Menu](#) | [Drawing Search](#) | [Rack Search](#) | [Equipment Search](#) | [Report Search](#) | [Logout](#)

SOUTH ROAD CO

BASE: DRAWEX1
FLOOR: 1

AISLE: A

- [RACK NO: 1](#)
- [RACK NO: 2](#)
- [RACK NO: 3](#)
- [RACK NO: 4](#)
- [RACK NO: 5](#)
- [RACK NO: 6](#)
- [RACK NO: 7](#)

AISLE: B

- [RACK NO: 1](#)
- [RACK NO: 2](#)
- [RACK NO: 3](#)
- [RACK NO: 4](#)
- [RACK NO: 5](#)
- [RACK NO: 6](#)
- [RACK NO: 7](#)

AISLE: C

- [RACK NO: 1](#)
- [RACK NO: 2](#)
- [RACK NO: 3](#)
- [RACK NO: 4](#)

[Main Menu](#) | [Logout](#)

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Figure 9

CENOTRACK
WE TRACK RACKS

Main Menu Drawing Search Rack Search Equipment Search Report Search Logout

Drawing

1000

WEBNET LPT
TELEPHONE LPT
AIR HANDLER
ELEC. RACK
AIR DUCTS
LEAKS
FIRE EXTINGUISHER
BATTERIES

View Racks by Type View Racks by Aisle View Racks by Rack

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-1000

Rack Details

[Main Menu](#)
[Drawing Search](#)
[Rack Search](#)
[Equipment Search](#)
[Report Search](#)
[Logout](#)

BUILDING: SOUTH ROAD CO

LOCATION DETAILS

RACK POSITION 01
RACK NUMBER 1
AISLE NUMBER C
FLOOR NUMBER 1
BASE NUMBER DRAWEX1
OWNER TELCO
CLLI CODE RCMDAED

EQUIPMENT DETAILS

EQUIPMENT NAME LUCENT	MODEL OVERTURE 250
EQUIPMENT TYPE TELEPHONE	MANUFACTURING DATE
EQUIPMENT HEIGHT (INCHES) 30	HEAT LOAD
SERIAL NUMBER 69774E59	NOTES 1. OVERTURE 250

EQUIPMENT ACTION DETAILS

DATE ADDED
DATE REMOVED
DATE RETIRED IN PLACE

[Return to Drawing](#)
[Return to Rack](#)

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Figure 12

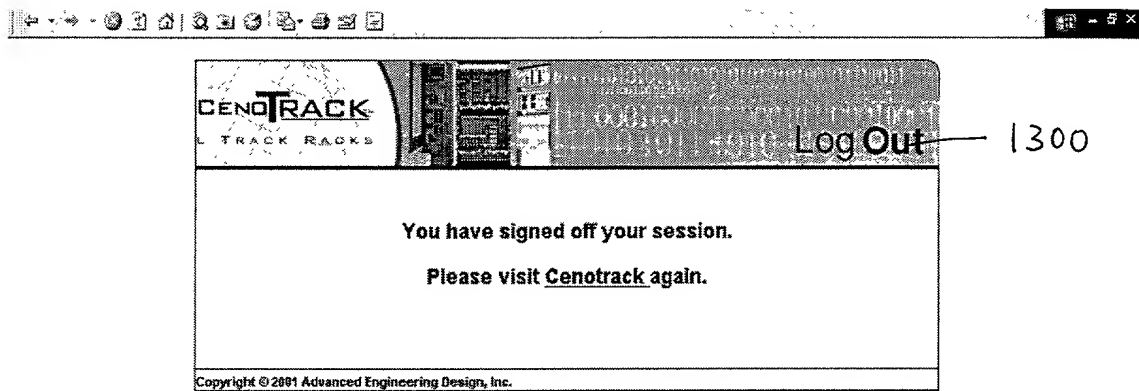


Figure 13

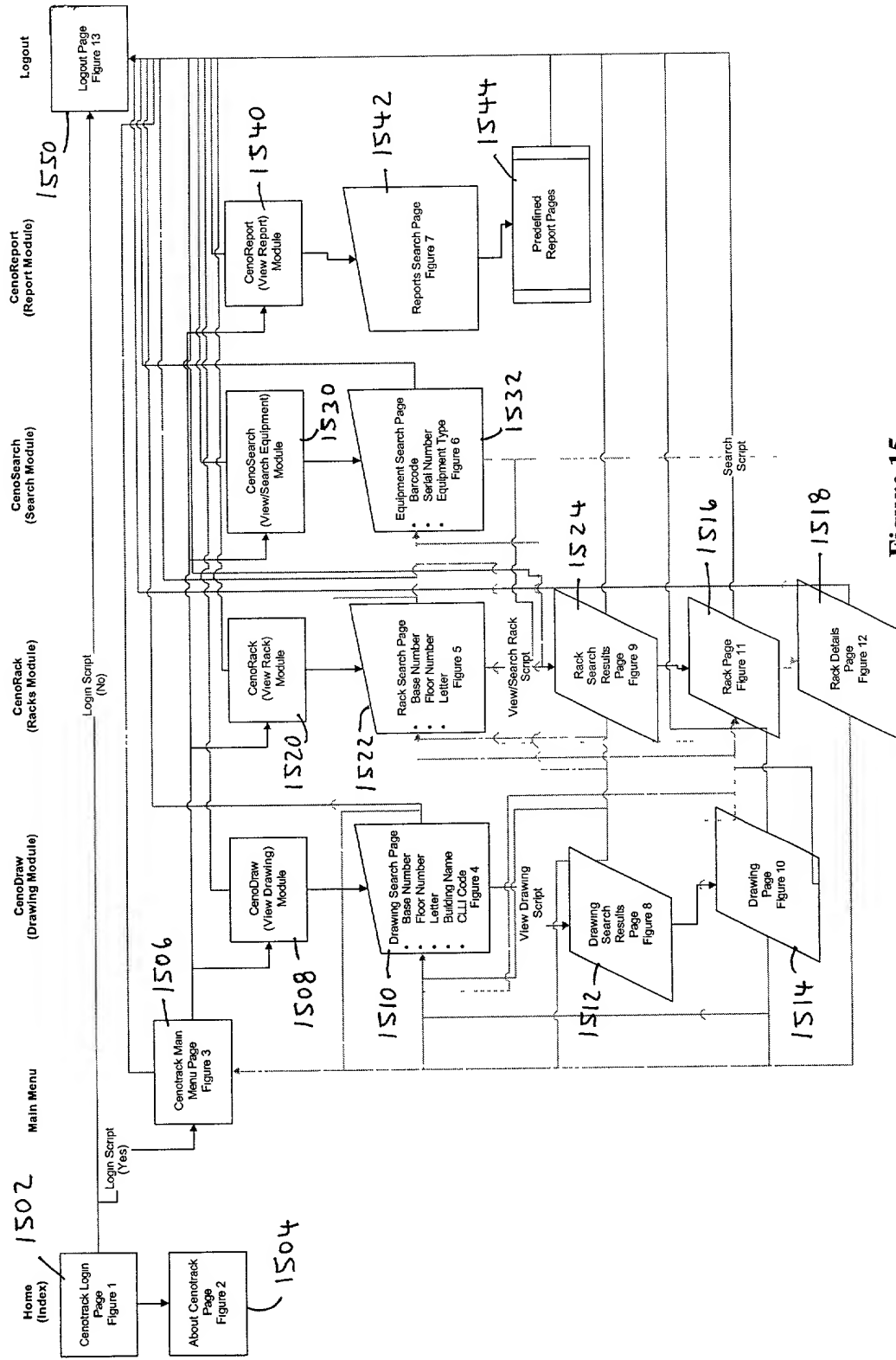


Figure 15

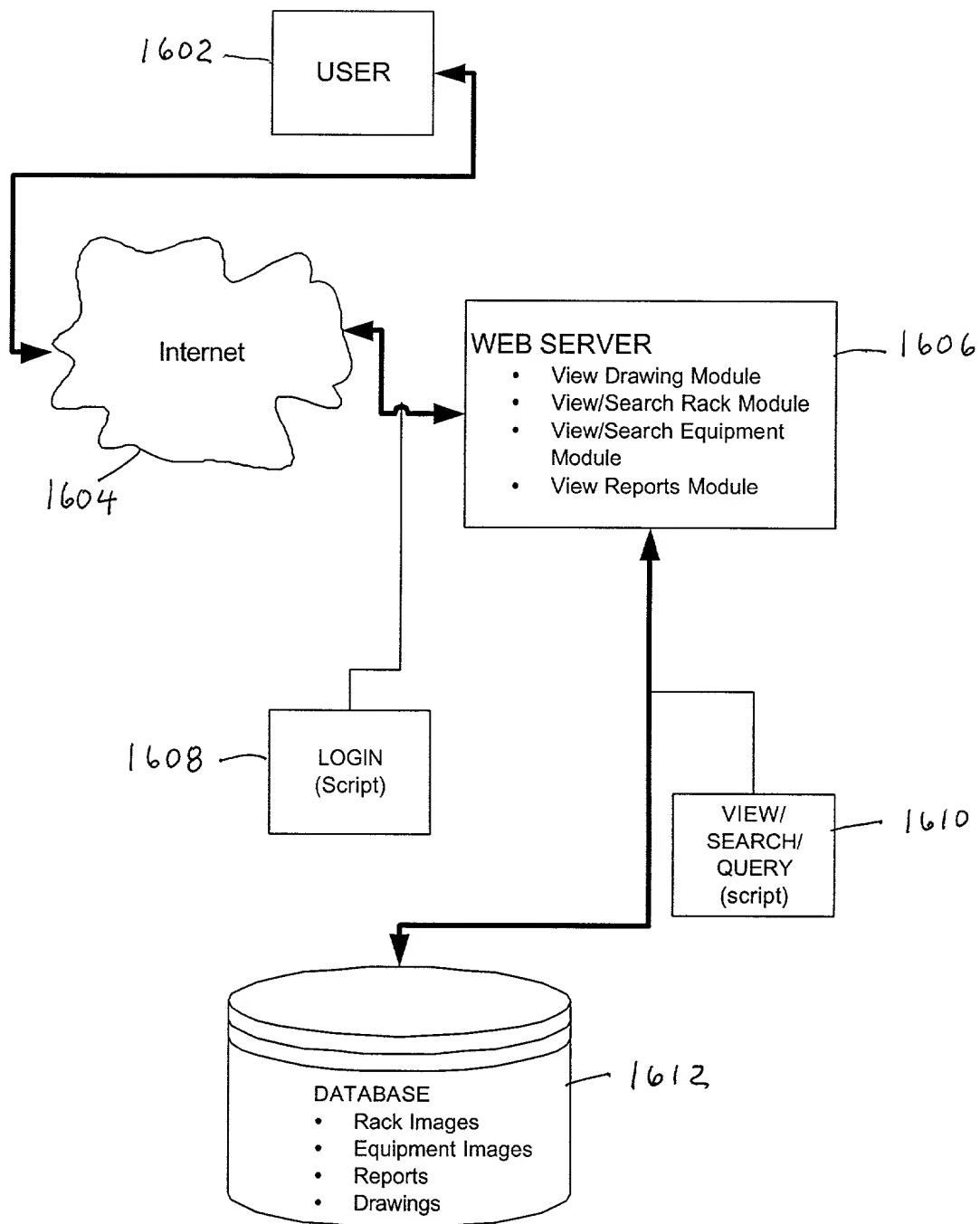


Figure 16